

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/682,127 Confirmation No. 1350
Applicant : Sirinyan et al.
Filed : October 9, 2003
Title : DERMALLY APPLICABLE LIQUID FORMULATIONS FOR
CONTROLLING PARASITIC INSECTS ON ANIMALS
Group Art Unit : 1615
Examiner : NEIL S LEVY
Docket No. : LeA 36172

VIA EFS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION OF KIRKOR SIRINYAN UNDER 37 C.F.R. 81.131

Dr. Kirkor Sirinyan, one of the co-inventors of the subject matter of the above-identified patent application, declares and states as follows:

1. That sometime prior to November 30, 2000, I conceived of a formulation for controlling parasites on an animal.
2. That composition included permethrin, imidacloprid, and N-methylpyrrolidone.
3. That evidence of my reduction to practice prior to November 30, 2000 is included in the form of a copy of a page from my Laboratory Journal and English translation thereof dated and attached herein.
4. That the experiment noted in the Laboratory Journal includes a formulation comprising permethrin, imidacloprid, and N-methylpyrrolidone.

5. The applicant further declares that all statements made herein are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.



Dr. Kirkor Sirinyan

25 January 2010

Date

Laborjournal AH-RD



Bayer HealthCare

Ausdruck: 18.01.2010

Laborcode	Labor	Mitarbeiter	Herstellldatum
SYK-3695-0	Shiryan, Dr.	Heuser	04.09.2000
Projektname	Permethrin / Imidacloprid		
Projektnummer	SYK		
Studiennummer	0		
Deklaration	50% / 10%		
Formuliertyp	Spot-On		
Nr	A	Einsatzstoff	Partiennummer
1	<input checked="" type="checkbox"/>	Permethrin	
2	<input checked="" type="checkbox"/>	Imidacloprid	230824349
3	<input checked="" type="checkbox"/>	NMP	
4	<input checked="" type="checkbox"/>	BHT	
5	<input checked="" type="checkbox"/>	Citronensäure	
Summen			
Anzatzgröße: 100,00 g			
Herstellungsvorschrift und Packmittel			
Permethrin, Imidacloprid vorgelegt und in NMP gelöst. Anschließend BHT und Citronensäure zugegeben. Das ganze wurde mit NMP auf 200ml aufgefüllt.			
Ergebnisse, Beobachtungen und Bemerkungen			



Laboratory code	Laboratory	Employee	Date of manufacture
SYK-3695-0	Sirinyan, Dr.	Heuser	04.09.2000

Project name	permethrin/imidacloprid	
Project number	SYK	Intended use
Study number	0	To be passed on to Mr Hansen/Ms Stanniek
Declaration	50%/10%	
Formulation type	spot-on	

No.	A	Ingredient	Batch number	Content in %	Proportion in %	Weighed portion in g	Weighed portion in g (actual value)
1	<input type="checkbox"/>	permethrin		100	0.00	102.35	0.00
2	<input type="checkbox"/>	imidacloprid	230824349	98.3	0.00	20.34	0.00
3	<input type="checkbox"/>	NMP		100	0.00	102.12	0.00
4	<input type="checkbox"/>	BHT		100	0.00	0.20	0.00
5	<input type="checkbox"/>	citric acid		100	0.00	0.20	0.00
Sums						225.21	0.00
Batch size: 100.00 g							

Preparation method and packaging

Permethrin and imidacloprid were initially charged and dissolved in NMP. BHT and citric acid were then added. The mixture was made up to 200 ml with NMP.

Results, observations and notes

RWS Group Ltd, of Europa House, Marsham Way, Gerrards Cross, Buckinghamshire, England, hereby declares that, to the best of its knowledge and belief, the following document, prepared by one of its translators competent in the art and conversant with the English and German languages, is a true and correct translation of the accompanying document in the German language.

Signed this 21st day of January 2010



N. T. SIMPKIN
Deputy Managing Director - UK Translation Division
For and on behalf of RWS Group Ltd